



## UNITED STATES PATENT AND TRADEMARK OFFICE

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APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/799,283	03/12/2004	John G. Quinn	A42122

23494  
TEXAS INSTRUMENTS INCORPORATED  
P O BOX 655474, M/S 3999  
DALLAS, TX 75265

CONFIRMATION NO. 7209  
FORMALITIES LETTER



Date Mailed: 05/27/2004

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted***Items Required To Avoid Abandonment:**

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is missing.  
*A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.*
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Replacement drawings in compliance with 37 CFR 1.84 and 37 CFR 1.121 are required. The drawings submitted are not acceptable because:
  - The drawings have a line quality that is too light to be reproduced (weight of all lines and letters must be heavy enough to permit adequate reproduction) or text that is illegible (reference characters, sheet numbers, and view numbers must be plain and legible) see 37 CFR 1.84(l) and (p)(1)); See Figure(s) 2b & 2c.
  - The drawings contain excessive text. Suitable descriptive legends may be used, or may be required by the Examiner where necessary for understanding of the drawing but should contain as few words as possible ( see 37 CFR 1.84(o)). See Figure(s) 2c.

**SUMMARY OF FEES DUE:**

Total additional fee(s) required for this application is \$130 for a Large Entity

- \$130 Late oath or declaration Surcharge.

Replies should be mailed to: Mail Stop Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

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*A copy of this notice **MUST** be returned with the reply.*

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Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Applicant: John G. Quinn et al.  
Serial No: 10/799,283  
Filed: 3/12/2004  
Title: Flow Channel Structure and Method  
Art Unit: TBD  
Examiner: TBD  
Docket No.: A42122  
Conf. No.: 7209

LETTER OF TRANSMITTAL

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Sir:

MAILING CERTIFICATE	
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, DC 20231 today.	
<i>Gracia Sansom</i> Gracia Sansom	<i>8-27-04</i> Date

Enclosed is a copy of PTO-1533, Notice to File Missing Parts of Application Filing Date Granted along with an executed Combined Declaration and Power of Attorney and substitute drawings as requested. Applicant also petitions the Commissioner for a one-month extension of time.

You are authorized to charge the deposit account of Texas Instruments Incorporated, Account No. 20-0668 for the surcharge and extension of time and any further processing fees as marked on the attached Fee Transmittal form.

Respectfully submitted,

Carlton H. Hoel  
Registration No. 29,934  
Attorney for Applicants

09/01/2004 SSITHIB1 00000007 200668 10799283  
01 FC:1251 110.00 DA

Texas Instruments Incorporated  
PO Box 655474, M/S 3999  
Dallas, TX 75265  
(972) 917-4365

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB number.

**FREE TRANSMITTAL**  
**For FY 2004**

Effective 10/01/2003. Patent fees are subject to annual revision

Applicant claims small entity status. See 37 CFR 1.27

**TOTAL AMOUNT OF PAYMENT****\$240****Complete if Known**

Application Number	10/799,283
Filing Date	3/12/2004
First Named Inventor	John G. Quinn
Examiner Name	TBD
Art Unit	TBD
Attorney Docket No.	TI-42122

**METHOD OF PAYMENT** (Check all that apply)
☐ Check ☐ Credit Card ☐ Money Order ☐ Other ☐ Credit Card
☒ Deposit Account:Deposit  
Account  
Number

20-0668

Deposit  
Account  
Name

Texas Instruments Incorporated

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Credit any overpayments  
☐ Charge any additional fee(s) during the pendency of this application  
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.
**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	770	2001	385	Utility filing fee	\$770
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

**SUBTOTAL (1)****\$770****2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

		Extra Claims		Fee from below		Fee Paid	
Total Claims	-20 **	=	0	X	\$18	=	0
Independent Claims	-3 **	=	0	X	\$86	=	0
Multiple Dependent		=				=	

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple dependent claim, if not paid
1204	86	2204	43	**Reissue independent claims over original patent
1205	18	2205	9	**Reissue claims in excess of 20 and over original patent

**SUBTOTAL (2)****\$0**

\*\*or number previously paid, if greater; For Reissues, see above

**FEE CALCULATION** (continued)**3. ADDITIONAL FEES****Large Entity****Small Entity**

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fees Paid
1051	130	2051	65	Surcharge - late filing fee or oath	\$130
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	\$110
1252	420	2252	205	Extension for reply within second month	
1253	950	2253	465	Extension for reply within third month	
1254	1,480	2254	725	Extension for reply within fourth month	
1255	2,010	2255	1,005	Extension for reply within fifth month	
1401	330	2401	160	Notice of Appeal	
1402	330	2402	160	Filing a brief in support of an appeal	
1403	290	2403	140	Request for Oral Hearing	
1451	1,510	1451	1,510	Petition to instate a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,330	2453	650	Petition to revive - unintentional	
1501	1,330	2501	650	Utility issue fee (or reissue)	
1502	480	2502	240	Design issue fee	
1503	640	2503	315	Plant issue Fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	770	2809	375	Filing a submission after final rejection (37 CFR 1.129(b))	
1810	770	2810	375	For each additional invention to be examined (37 CFR 1.129(b))	
1801	770	2801	375	Request for Continuation Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3)****\$240****SUBMITTED BY**

(Complete (if applicable))

Name (Print/Type)	Carlton H. Hoe	Registration No. (Attorney/Agent)	29,934	Telephone	(972) 917-4365
Signature	<i>Carlton H. Hoe</i>	Date	8/26/2004		

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THE ADDRESS.

SEND TO: Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.